

DUPLICATE

1961-62

WYNDHAM HAYWARD

LAKEMONT GARDENS

915 South Lakemont Avenue, Winter Park, Florida, USA
MAINLY BULBS, TUBERS and TUBEROUS ROOTED PLANTS, Etc.

POSTAGE EXTRA-PLEASE ADD 10 PER CENT

All orders subject to crop and stock available.

Prices subject to change without notice.

LISTED by plant families. Additional information including possible references to published material regarding various plants, supplied on request to help customers to know more about our material. PLEASE refer to standard manuals for basic cultural data.

YOUR PLEASURE AND SATISFACTION ARE OUR AIMS

SOME of the world's most beautiful and interesting plant subjects are found in the GINGERS, AMARYLLIDS, BROMELIADS, AROIDS, GESNERIADS, etc. We hope you will try new genera, species and hybrids every year, and increase your experimenting where this appeals to you. There is a lifetime of study and growing within these groups. We feel that all our plants are worthwhile, many of them among the great and exotic creations and small of the flower and foliage world.

OUR SPECIALTIES

FEB 4 1964

BULBS AND TUBERS suitable for pot plant growing, such as KAEMPFERIAS, CALADIUMS, other AROIDS, ZEPHYRANTHES, HAEMANTHUS, HYMENOCALLIS and other AMARYLLIDS, ACHIMENES, RECHSTEINERIAS, KOELLIKERIA, GLOXINERAS, SINNINGIAS, of the GESNERIADS, so well adapted to pot cultures among others.

ALSO other plants for garden and decorative use in the greenhouse and Southern garden, and similar warm climate areas, as the GINGERS, --ALPINIA, CURCUMA, ZINGIBER, COSTUS, GLOBBA, etc--CRINUMS, LYCORIS, NARCISSUS types suitable for the South, LEUCOJUM, GLORIOSA HYBRIDS and SPECIES, and the amazing and ever-growing BROMELIADS, these latter among the most captivating among all our listings for use in home and garden decor, pots, planters and on "trees", natural and "made-up".

LINNAEUS NAMED THEM--REDOUTE painted them, (some of them anyway) the DECANDOLLES and the HOOKERS catalogued and described them, --now you can grow and enjoy them!

WE HOPE you will find the cultivation and enjoyment of choice plants not only an interesting and educational experience, but an avocation and hobby appealing to man's refinement, sense of beauty and artistic nature, becoming as it were, a status symbol of a better kind of human living.

GINGER FAMILY

ZINGIBERACEAE

KAEMPFERIAS--This is our favorite genus of the Ginger Family, a group of small to medium size plants, having remarkable beauty of flower and foliage. They are easily grown in six inch pots or smaller, for the most

part, in fact, *K. angustifolia* can be grown in a "four" and a large plant of *K. kirkii* var. *elatior* takes an "eight" with comfort. *KAEMPFERIA PULCHRA* (formerly listed as *K. Roscoeana* and *K. atrovirens*) is a living doll among plants, (Known as the Peacock Plant) flowering all summer and Fall (see Hamilton Mason's article about Gingers in Jan. 1961 "Popular Gardening" with picture), with round, four-lobed lavender-pink blooms, and taffeta-like textured lvs. and peacock-eyed leaf markings, almost iridescent. The flower has a tiny white center and is gold-dusted in the morning light. We hope you will also try *K. Gilbertii*, *K. elegans* and *K. MASONII*, all suitable for "fours". And our last accession in this group of the South Asiatic species is *K. angustifolia*, known for 150 years and painted by the great French flower artist Redoute for his "Liliacees" in Napoleon's time, a dainty thing for a "four", when well grown. The *Kaempferias* are dormant in winter and spring, and the roots are easily shipped in that stage. The *Kaempferias* are a large genus and we hope to add others to our list. You will find growing them is most rewarding.

KAEMPFERIA PULCHRA-Peacock Plant, stunning, \$1, \$2.50

K. ROTUNDA-Resurrection lily, spring blooms, 50¢ & \$1.00

K. GALANGA-white, orchid-like flowers, exotic, \$1.00

K. ELEGANS-(*K. involucrata*) charming pink flowers, green "plaited" leaves, excellent basket or pot plant, 50¢

K. GILBERTII-purple and white flowers, like *K. angustifolia*, but wider leaves, margined with white, 50¢ & \$1.

K. MASONII, form near *K. pulchra*, new, from Maurice Mason in England, more upright leaves and flower stem, \$1.00

K. ANGUSTIFOLIA-our newest jewel of this group, but an old favorite, upright foliage, rich green; lav. fl. \$1.50

AFRICAN SPECIES--

KAEMPFERIA KIRKII var. *elatior*-a vigorous plant, like a small *CURCUMA*, lavender-rose flowers on short stems, \$15.

KAEMPFERIA DECORA-new species from Mozambique, with large yellow flowers, on erect spikes, great promise, \$15.

We hope to have *K. Kirkii* and *K. ethelae* next season.

SPECIAL COLLECTION, SIX KINDS (Asiatic) (our choice) \$3.50

HEDYCHIUM CORONARIUM, the famous perfumed "white ginger" \$1.00

H. FLAVESCENS-light yellow, taller, sweet scented, \$1.50

H. COCCINEUM CARNEUM-large spikes, flesh-colored, \$3.00

H. COCCINEUM ANGUSTIFOLIUM, best red, rich scent, \$3.00

H. GARDNERIANUM-showy golden yellow, fabulous, \$2.00

H. GREENII, new Himalayan RED species, scarce, \$3.00

We have several *Hedychium* hybrids on trial now.

BRACHYCHILUS HORSFIELDII, a dwarf type, curious, \$3.00

GLOBBA WINITII-dwarf pot plant ginger, nodding stems of gold filigree "dancing ladies" flowers, scarce, \$15.00

ZINGIBER ZERUMBET-the popular (in deep South gardens) "RED PINE CONE GINGER", used by arrangers, \$1.00

ZINGIBER DARCEYI-highly decorative, variegated, \$2.00

ZINGIBER "DR. FAIRCHILD", Philippine wild form, can be flowered in gallon cans, from medium rhizomes, \$2.50

- ZINGIBER MALAY PRIDE-a giant cultivated form,\$3.00
Z.officinale-edible (Canton) ginger, \$1.00
ZINGIBER AROMATICUM,name doubtful,but plant is out-
standing,large,smooth,deep red cones,tall foliage,\$3.00
AFRAMOMUM MELEGUETA, GUINEA PEPPER, RARE \$5.00
CURCUMA ZEDOARIA-an old East Indian drug plant,with
showy rose-purple cones of bracts in spring,handsome
light green leaves,chocolate striped,half hardy,50¢ & \$1
CURCUMA LATIFOLIA-giant species,4 to 6 feet tall,big
lavender-rose cones in spring,showy canna-like fol.\$2.00
CURCUMA PETIOLATA-summer blooming "hidden lily",well
known orchid-pink ginger of lower South gardens,50¢ & \$1
CURCUMA ROSCOEANA-outstanding dwarf species,a pot
plant beauty,for "sixes",terra cotta cones of bracts,\$3
Three other Curcuma species,not identified, 50¢ each
COSTUS SPIRALIS-"spiral flag",a showy and attractive
garden ginger,up to 6 ft.tall,coral flowers from dark
red terminal cones,tropical,stands light frosts,\$1.00
COSTUS SPECIOSUS,more tropical plant,severely hit by
frost,bearing small terminal cones,large white fl.\$2.00
"CARDAMON PLANT"-probably some dwarf Alpinia species,
but a very fine foliage plant,strong ginger scent,a foot
or more tall,much used in pots and planters,50¢ 3 for \$1
ALPINIA SPECIOSA (A.nutans) Shell Ginger,5 to 6 feet
and more tall,drooping racemes of exotic pink-porcelain
"pearls" like a long bunch of grapes,bold foliage,\$1.00
ALPINIA INTERMEDIA,(formerly listed as A.kumatake)
fine white terminal spikes of bloom in spring,new,\$3.00
ALPINIA CALCARATA(?)half-dwarf clump type,highly or-
namental,smaller heads of typical Alpinia bloom, 50¢
ALPINIA MUTICA,No.1,tall type from Hawaii,erect fl.\$3.
ALPINIA MUTICA,No.2,medium height form,fine garden
plant,sun or shade,foliage quite ginger-scented,\$1.00
ALPINIA SPECIOSA,type B,early blooming,more slender
spreading growth,narrower leaves,elegant, \$1.00
ALPINIA SPECIOSA,type C(?),a striking bold-foliaged
form,with long drooping raceme,large indiv.flowers,with
more yellow on lip,nearly white floral bracts.New \$3.00
ALPINIA MALACCENSIS,supposed to have extra large
flowers,rather more tender to frost,fol.pubescent,\$5.00
BANANA FAMILY MUSACEAE
HELICONIA LATISPATHA-Macaw plant, (false bird of
paradise flower)slender stems with handsome banana-like
leaves,spectacular upright terminal flower spikes,
survives heavy frost, very effective (6 to 8 ft.) \$3
STRELITZIA NICOLAI-giant bird of paradise plant,
hardy in Central Florida,blue and white "birds",\$5.up
LILY FAMILY LILIACEAE
EUCOMIS UNDULATA-Pineapple Lily,easy pot bulb,good
indoors,has leafy topknot above flower spike, \$1.50
SANSEVIERIA GUINEENSIS,giant species,showy fls.\$1.00
LACHENALIA TRICOLOR,winter flowers,for pots,\$2.doz.

TRICYRTIS FORMOSANA-Formosa Toad Lily, purple, \$1.50
 T.formosana, bluish-purple tinted, from Japan, 1.50
 TULBAGHIA VIOLACEA, lavender fl. Society Garlic 50¢
 TULBAGHIA FRAGRANS, honey scented, winter blooming, \$1
 REINECKIA CARNEA, lily-grass-like plant, pretty, \$1.00
 BEAUCARNEA TUBERCOLATA-pony-tail plant, bulbous, \$3.50

GLORIOSA LILIES OUR NEW YELLOW HYBRIDS

THE HAYWARD HYBRIDS OF GLORIOSA GREENEAE, more vigorous and earlier blooming than the yellow parent form, GLORIOSA GREENEAE, Hort.; these hybrids have been given the garden name of GLORIOSA "WILHELMINA GREENE", in honor of the well known flower painter who first discovered this rare new, yellow form in an old Trinidad garden. The hybrids show a slight wine-colored feathering on the petals in most forms, but we have selected a few clear yellows which will be offered at a reduced price soon.

GLORIOSA "WILHELMINA GREENE", hybrids, varying from clear sulphur yellow to slight wine feathering, most predominantly a fine sulphur yellow, \$5. each, 3 for \$10. A few selected bulbs of the clear yellow forms, \$25. ea. Small seedling bulbs of this cross, \$5.00 doz.

GLORIOSA SUPERBA VAR. KEW LUTEA, a new hybrid of pale lemon with the much-crisped petals of G. superba, a few small tubers available this season, seedlings, \$1.00 ea., six for \$5.00. We believe these are exclusive with us.

GLORIOSA ROTHSCILDIANA-large red and yellow, 50¢ & \$1.

GLORIOSA SUPERBA-red and yellow, crisped, fall, 35¢ & 50¢ and a few largest size at \$1.00 each; an old timer.

GLORIOSA PLANTII-dwarf and dainty orange-yell. \$1.00

GLORIOSA CARSONII-the female parent of GLORIOSA "WILHELMINA GREENE", sturdy, early blooming, free flowering, but with prominent claret markings on petals. Summer and fall blooming, vigorous and much recommended, \$1 & \$2

GLORIOSA SUPERBA "YELLOW JOY", opens clear yellow, turns tawny at maturity, distinct from Kew Lutea, \$3.00

GLORIOSA SUPERBA, selected clone, finer flowers \$3.00

GLORIOSA ROTHSCILDIANA, selected clone, \$3.50 each

IRIS FAMILY IRIDACEAE

MARICA GRACILIS, 50¢; TRIMEZIA CARIBAEA, \$1.00; HERBERTIA COERULEA, \$1.00; EUSTYLIS PURPUREA, \$1.50; ARISTEA EKLONII, \$1.00; CYPELLA HERBERTII, \$1.00; MORAEA BICOLOR, 50¢
 ANOMATHECA CRUENTA, 50¢; ANTHOLYZA AETHIOPICA, 50¢ each.

GESNERIA FAMILY GESNERACEAE

SEE: "AFRICAN VIOLETS, GLOXINIAS, etc" by Dr. H.E. Moore, Jr.
 ACHIMENES (A-kim-en-ees) MAGIC FLOWER

Also known as Widow's Tears, Cupid's Bow, Monkey-Faced Pansies, Japanese Nut Orchids, Kimono Plants, etc.

Beautiful flowering plants, grown from tiny rhizomes which we sell in the dormant period, December to June. Highly valued as greenhouse and porch plants for summer-fall bloom, in pots, window boxes, shade gardens, etc., especially in South. Inside under glass or for experimental culture under lights in the North. More appreciated

100 years ago when there were 400 varieties. Their popularity is having a well-deserved revival in recent years.

The rhizomes are like tiny pine cones in some cases, others are long and slender. They are planted indoors from January to May, and outside, in the South, April-May when warm weather is sure.

We have some 30 varieties, including several famous kinds which were highly popular many years ago and are still on the top of the heap. There is a need for new hybridizing efforts in this group...so here is your chance to make a name. Shipped in vermiculite, the roots carry to all parts of the world in anything but the most extreme temperatures. There are compact pot plant types, "balcony" or straw-berry jar trailing types, and sturdy erect bushy varieties. Almost unlimited types and shades. Some are as stunning and outstanding for foliage.

Please try at least a dozen mixed to make their acquaintance, and don't give up if they disappoint you on first trial. It may take several seasons to become an expert Achimenes grower. They want warmth, air, and shade, with adequate moisture in the air and at their roots. PLENTY of light to make them grow strong and thrifty is their main need, short of direct sunlight. We grow them in the 50 per cent shade of a lath house in Florida, which is perhaps too much sun for best foliage effects but produces fine bloom and rhizomes.

ACHIMENES-fine mixed \$1.00 per dozen.

ACHIMENES COLLECTION-two each, 10 named varieties, our selection, \$2.50. Fifteen varieties, five each, \$5.00. Collection eight distinct shades, ten each, \$5.00.

Achimenes longiflora types, pastel mixed, \$1.00 doz.

CAMILLO BROZZONI-Multiflora, lavender, erect, fine pot type, classic variety, especially for indoors, \$3.50 dz.

ROBUSTA, magnificent Grandiflora type, extra large rose-purple flowers, handsome dark foliage, extra, \$3.00 dz.

MAGNIFICUM-largest blue, erect stems, tops, \$2.00 doz.

ROYAL PURPLE-standard old time variety, \$1.50 doz.

DAINTY QUEEN-best white, slight lav. mkgs. \$2.00 doz.

CHARM-best pink, extra fine pot plant var. \$3.00 doz.

PATENS MAJOR-compact, showy purple, free, \$1.00 doz.

LITTLE BEAUTY-slightly dwarfer salmon-pink, \$3.00 doz.

AMBROISE VERSCHAFFELT, lavender-lined white, fine free-blooming cascading variety, favored classic, \$2.50 dz.

MME. GEORGES-lovely trailing violet, rich, \$2.00 doz.

GALATEA, hyacinth blue, trailer, named clone of Achimenes longiflora, pioneer type, free blooming easy, 1.50dz.

FRANCOIS CARDINAUX-small blue-and-white flowers, compact light green foliage, blooms slipper shape, \$2.50dz.

VIOLACEA SEMI-PLENA-rich purple, doubled, 35¢ each.

MADUNA-magenta and white, dark foliage, \$2.50 doz.

MILTONI-(A. heterophylla) strawberry red, \$1.50 doz.

MASTER INGRAM-largest cherry red, spreading, \$2. doz.

PULCHELLA-(A. coccinea) tiny scarlet flowers 25¢ ea.

COCCINEA MAJOR-the true Jamaican species, 35¢ ea.
 LADY LITTLETON-tall,deep purplish violet, 35¢
 A.SKINNERII-reddish violet,yellow eye,tall,35¢ ea.
 MARGARITA-nearest white,unthrifty trailer, 25¢ ea.
 CATTLEYA-delicate orchid-lavender,fine 25¢
 MEXICANA-(Storm Cloud)erect,deep blue fl. \$2.00 dz.
 LENORE-sturdy,dark fol.,rich purple fl. \$3.00 doz.
 BIG BOY BLUE-large,tall blue,yellow eye, 25¢ ea.
 ANDERSONI-sprawling light blue,light fol. 25¢ ea.
 ADELAIDE-nice pale lavender,trailing, 25¢ ea.
 VIOLETTA-light reddish violet,free fl., 25¢ ea.
 PINK BEAUTY-lavender-rose,longiflora type, 25¢ ea.
 ESCHERIANA-small,deep purple,light growth, 25¢ ea.
 GILDA-early purple,free blooming,easy, 25¢ ea.
 LOVELINESS,coccinea type,purple flowers, 25¢ ea.
 All Achimenes priced per dozen are sold at pro-
 rata price for three and six.All 25¢ varieties sold
 three rhizomes for price of two.

Other Gesneriads-

GLOXINIA PERENNIS INSIGNIS-a sizable blue-flow-
 ered Venezuelan plant,roots like an Achimenes,larger
 flowers like a fox-glove and leaves like a begonia,\$1. ea

SINNINGIA REGINAE,small-flowerd ancestor of
 florists gloxinia,a charming and attractive tuberous
 plant for pots,blue "slipper"fl.,striking foliage,\$2.00

GLOXINERA "ROSEBELLS"-choice pot plant,rich pink
 flowers,round green foliage,free flowering,try it,\$1.50

GLOXINERA BON-BON-same,white faced flower, \$2.50

RECHSTEINERIA CYCLOPHYLLA-small red flowers in
 spring,one of parents of Rosebells. \$1.50

RECHSTEINERIA WARSCEWICZII,the "orange sky-rocket"
 plant,tall spikes of orange-red tubular fl.,easy,\$1.00

RECH.SELLOWIANA-a real novelty,tall stems, \$2.00

SINNINGIA TUBIFLORA-tubular white flowers,sm.50¢

KOELLIKERIA ERINOIDES-the gem of new Gesneriads,
 dainty rosette of white-dotted moss-green foliage,with
 orchid-like sprays of tiny red-brown and cream fl.and
 grown from small rhizomes like an Achimenes. \$2.00 ea.

DIASTEMA QUINQUEVULNERAM-another novelty,like an
 dwarf Achimenes,with bushy growth,white flowers,\$1.00

CHRYSOTHEMIS PULCHELLA-pot plant find,with bright
 orange calyces and dark bronze foliage,very rare,\$5.00

SINNINGIA EUMORPHA-white species,for hybs.,\$2.00

PINEAPPLE FAMILY BROMELIACEAE

The Bromeliads,known and esteemed for more than
 100 years as choice greenhouse plants and now becoming
 virtually essential in the new home decor schemes,as
 well as for planter,pots and patios in the sub-tropics,
 are enjoying a swelling wave of new popularity,due to
 the introduction of new species and new hybrids in re-
 cent years. We suggest you purchase a copy of the Bro-
 meliad Society cultural handbook,and look up the past
 ten years issues of the Society's invaluable Bulletin.

PLANTS OF YESTERDAY, TODAY -- AND TOMORROW

The four center pages of this extra leaflet are a later addition early in 1962 to point out certain bulbs, tubers, etc., which we consider of outstanding merit and interest, and worthy of the attention of all sincere plant lovers, hobby growers and other plantsmen, especially those persons who like to grow the new, the different, the rare or the merely unusual. These are CONVERSATION PIECES, -- not merely catalogue items, all of them, when well grown at optimum culture.

NONE of them are of extreme difficulty of culture. Many of the gardening public find even such ordinary plants as *Amaryllis* and *Achimenes* "difficult." All about plants cannot be learned in a single season of growing them! After growing *Achimenes* for nearly 25 years we learn something new about them every season. There is no end to their new charm and attraction. There must be much about them we still hope to learn. It is the same way with every plant in this list. If we can grow them successfully, and they would not be in this list otherwise, so can you, with a little effort and application. We did not grow every one of them to perfection the first season in some cases. We are still working to improve our techniques on some of them.

Our catalogue, due to increasing costs, is so brief that there is doubtless not adequate information and descriptive material offered regarding many items. One of our women customers wrote us she was "much disappointed" with this list - "I did not know a single plant in it - and NO pictures!" So we appeal to our catalogue readers to become thoroughly curious about any plants with which they may not be familiar. The chances are that further acquaintance will be rewarding. Never hesitate to try the new and different. All of them are fine and worthwhile subjects in their way. Some are classics of greenhouse and garden horticulture. We wish to mention particularly a few:

THE *KAEMPFERIAS* -- both the Asiatic and the lesser known African species! We have never had a customer sorry he or she tried to grow *Kaempferias*. Only praise for their charm and beauty when their culture, also relatively easy, has met with success. Two editors of horticultural magazines virtually exploded with gratified astonishment at the *KAEMPFERIA DECORA* last year! This is a plant of which you will be hearing more.

CALADIUM HUMBOLDTII (known as "Argyrites") is to say it tritely, a jewel beyond compare, for small pot plants in summer and fall. An old time favorite which has been lost in the wash of many lesser ornamentals in the past 50 years. You will love it! It is truly dwarf and abundantly leafy at best. We believe we have the only major stock of this miniature beauty in the country today, worked up carefully over the past ten years from a small start. It is a plant to pay taxes! and well repays growing if you will try it.

THE MINIATURE *AMARYLLIS*, typified by the better Dutch "gracilis" hybrids of *Amaryllis striata*, also such new species as the Chartreuse *Amaryllis evansiae*, and the familiar *Amaryllis striata* var. *fulgida*, which we have offered for many years, are taking more of our attention these days, and we have succeeded in growing seedlings of *Amaryllis evansiae*, by crossing two distinct

clones of this introduction from Bolivia. We have young seedlings of *Amaryllis striata fulgida* X *A. evansiae*, and a handsome rose form, *Amaryllis striata-fulgida* X the rich pink *Amaryllis belladonna* var. *Haywardii*. The *striata-evansiae* cross was named *Señorita* in Louisiana when it was introduced by Prof. Ira Nelson under auspices of the Louisiana Society for Horticultural Research, which was organized by Mrs. U.B. Evans (after whom *Amaryllis evansiae* was named).

The species *Amaryllis striata* (synonym: *Hippeastrum rutilum*) is admirable for the production of the new small *Amaryllis* forms, as it is a vigorous, easy pot plant form, free seeding and multiplying rapidly from bulblets. It will bloom from bulbs an inch or slightly more, and yet at maturity the bulbs grow to three inches diameter and produce four or five bloom stems. It is widely grown as a pot *Amaryllis* in Southern homes. Bulbs have been known to last for generations in a single family, and the color forms vary from pink to salmon rose and orange red. For the results of Prof. Nelson's efforts at hybridizing this with *Amaryllis evansiae*, please refer to the Bulletins of the L.S.H.R. For more information write Mrs. U.B. Evans, Haphazard Plantation, Ferriday, La., or Prof. Ira Nelson, Dept. of Horticulture, University of Southwestern Louisiana, Lafayette, La.

In Holland and India, strains of small-flowered *Gracilis-Amaryllis* are being grown, but the *Amaryllis evansiae* and its hybrids, are available only in the United States. *A. mostertii* is an old Indian type.

We are working on further color variations in the American miniature *Amaryllis*, using all available parent stock which seems promising. In a season or two we hope to have stock of seedlings of *Amaryllis evansiae* and *A. evansiae* hybrids with *A. striata* and others. We feel there will be a tremendous interest and demand for these dainty, finished miniature *Amaryllis*, when they are known and understood for what they represent. The day of the 10-inch *Amaryllis* flower is fading. Ask for more information about young seedling stock. We hope to have some to spare the coming season.

Amaryllis evansiae is a pale yellowish-green species, related to *Amaryllis belladonna*, Linn., found by Mrs. D.V. Applegate, daughter of Mrs. U.B. Evans, in Bolivia a decade ago. It was the first yellowish to creamy yellowish green form introduced to cultivation and may well prove to be the most important breeding species introduced for *Amaryllis* since the *A. Leopoldii*.

CYRTANTHUS is a genus of South African bulbs which might be compared to our American *Zephyranthes* and which make delightful pot plants and are being grown with success in the greenhouse and outside in the lower South. We have grown Mrs. James Norman Henry's *Cyrtanthus* hybrids for many years and they bloom year after year in pots. Their growth period is unusual. They are dormant to some degree in summer and fall, and start their best growth in winter and spring, usually blooming in early and later spring, then turning rather dormant again.

They seem to resent ground culture in the lower South, at least in Florida, perhaps because of our heavy summer rains. They prefer a well drained soil, (pots) with a soil pH of 6 to 6.5, which is about the usual for a good potting compost in Florida and elsewhere. Growth is comparatively slow, and they like some shade, at least during the heat of the afternoon in summer. Drainage must be near per-

fect in pots. More *Cyrtanthus* have been lost in Florida from poor drainage and over-watering than any other way.

There are some 30-35 species in South Africa, including one as ^{big as} an *Amaryllis* in its bulb, *Cyrtanthus obliquus*. This is most attractively illustrated along with other *Cyrtanthus* in Mrs. Sima Eliovson's really fabulous garden book, "South African Flowers for the Garden", the best popular work in this field for text and pictures, black-and-white and color. To see them is to fall in love with them. Write for prices.

CURCUMA ROSCOEANA--important mention of this famous "Ginger" was made recently in the National Horticultural Magazine with a plate. This is really a sensational ornamental pot plant with its copper bracts, in late summer or fall. A gem for a six inch pot, perhaps the smallest of the cultivated *Curcumas*, and certainly the most charming and showy for its size. Makes a fine conversation piece as a cut flower in arrangements. Will flower the same season from a small tuber.

CURCUMA LATIFOLIA--this is one of the great show plants, both in flower and foliage, of the ornamental gingers. Not recommended for indoor culture, unless in a large pot or tub in a conservatory or greenhouse, it is probably reliably hardy all over the lower South with some protection, as a mulch, in winter. Produces six-inch diameter cones of bracts on 18-inch stems, of lavender-rose hue in spring. The bracts are the colorful part of the inflorescence. Flowers are yellow, in the bracts.

The *HEDYCHIUMS* are one of the most sweetly scented of all plants, including the gingers of which they are also one of the showiest genera. We find that most *Hedychiums* (Garland Lily, Butterfly Lily, white and yellow gingers etc) can be bloomed with good culture in a gallon can. It may take a year to get them well established. *Hedychiums* are more or less dormant in winter. We especially recommend the half dwarf *H. Greenii*.

ALPINIA SPECIOSA, and *COSTUS SPIRALIS*--these are two choice evergreen gingers with terminal inflorescences, of distinct character and specimen value for the garden in the lower South, and large pots or tubs in the conservatory or greenhouse in the North. The former is hardy to light frosts in the lower South, while the *Costus* is killed back by frosts of severe nature, but sprouts again rapidly from the roots. The *Alpinia* has a cascading head of pink-white shell-like flowers, while the latter has coral blooms protruding from a terminal greenish-red cone.

ZINGIBER ZERUMBET--ornamental ginger of Southern Asia and the Pacific islands, should be in every lower South garden for its brilliant red cones in fall.

TACCA HAWAIIENSIS--a tuber-bearing exotic from the Pacific Islands, the Hawaiian form was collected for us from a pre-historic plantation site on the island of Hawaii, where the plant has become exceedingly rare. We believe we are the only grower of the "*Tacca oceanica*"; as Nuttall called it, in America, possibly the world. We have a nice stock of the smaller tubers which we will sell at half price. Large tubers sold out.

T. Hawaiiensis is a forgotten South Seas food plant with striking foliage on large specimens, remindful of *Amorphophallus*, and curious green berry-like flowers in heads with long green-purple whiskers and green floral bracts. We are short of largest tubers but offer small planting size at half list price. *Tacca Hawaiiensis* is part of a complex of *Tacca* species extending around Africa,

South Asia and over the Pacific Islands, spread by man in ancient times. Ethno-botanists vary as to how long it has been growing on Hawaii, perhaps 1,000 to 2,500 years or even more! Next season we will offer tubers of the Hawaiian form of *Curcuma longa*, the Turmeric plant introduced into the Islands by the old Polynesians on their early voyages. These were collected for us by the sites of old native plantings.

TRICYRTIS--an interesting and attractive genus of the lily family, which proves adapted to pot culture and the shady garden of the lower South. Probably not too hardy, we are growing several kinds, with flowers of white dotted purple, bluish-purple, olive-gray, and white. *Tricyrtis* makes a pretty fall-blooming plant in a six inch pot or planter box. Requires part shade, rich soil, and has few pests. Sent as small rooted plants.

ZEPHYRANTHES, HABRANTHUS and COOPERIA--these rain lilies, miniature *Amaryllis*, are expanding in the popular esteem, new species being discovered in Mexico and further South. We have named two forms, *Z. stellata* and *Z. steudiana*. These are from Northern Mexico, where so many discoveries are made. We have a number of Dr. Thad Howard's new hybrids coming along. By all means, expose yourself to "Zephyritis!"



1. "AMARYLLIS" BIFIDA - *Rhodophiala* from Chile, 2. AMARYLLIS EVANSIAE - New Yellow Bolivian Sp.,
3. ACHIMENES MAGNIFICUM - *A. Longiflora* var. Major, 4. CURCUMA ROSCOEANA - Burmese terra-cotta Ginger,
5. KAEMPFERIA ELEGANS - Dainty Pot Ginger, 6. "LOUIS BOSANQUET" GRINAM - Hybrid *C. Powellii* type.

The Secretary's address is 647 So. Saltair Avenue, Los Angeles 49, Calif. Dues are \$3.50 per year.

BILLBERGIA PYRAMIDALIS-the foundation species, in Florida at least, found in every garden, withstands some frost, blooms in late summer with brilliant red head, \$1.50

B. PYRAMIDALIS-winter blooming form, slightly smaller in size of plant and flower head, but choice, \$2.00

BILLBERGIA NUTANS-the tiny nodding old-timer, 50¢

BILLBERGIA SAUNDERSII-white spotted, bronzy foliage, brilliant red bracts and winter bloom, 50¢

B. Saundersii, green phase, very slight spotting, 50¢

B. PORTEANA-large species, showy curved inflor. \$3.50

B. euphemiae-creeping species, blue fl. pink br. \$1.00

B. DISTACHIA-pleasing urn-shaped plant, pink bracts, spreading blue and green flowers, nodding stem, \$1.00

B. bittata, green phase, little striping, like a large

B. nutans type, attractive fluted form of growth \$1.00

AECHMEA ORLANDIANA-new species, dark chocolate markings on light green leaves, orange inflor. \$3.50

"FOSTER'S FAVORITE", Aechmea hybrid, wine foliage, drooping red beads in fruiting stage, easy to grow \$1.50

AECHMEA ANGUSTIFOLIA-also best at fruiting stage, with blue and creamy-gray berries in geometric des. \$3.

AECHMEA FASCIATA-classic house plant, \$3.50

NEOREGELIA MARMORATA-(hybrid) finger-nail type 1.00

NEOREGELIA SPECTABILIS-(hybrid) blue-green fol. 1.00

AECHMEA NUDICAULIS-nice Caribbean species 1.50

AECHMEA MARIE-REGINAE-rather tender beauty 3.00

VRIESIA IMPERIALIS-large species, showy 3.00

NEOREGELIA CAROLINAE-brilliant red center, 3.00

NEOREGELIA ZONATA,-pretty new species 1.50

AECHMEA FASCIATA PURPUREA-leaves tinted pur. 3.50

"FANTASIA"-Billbergia hybrid, white-dotted 1.50

ANANAS BRACTEATA-wild pineapple, easy culture, fine for sub-tropical garden (fruit has seeds) easy \$3.

BROMELIA BALANSAE-spiny-foliage, geometrically formed plant, may grow several feet high, showy white inflorescence, maroon flowers, fol. by golden berries \$3

BROMELIA SPECIES, new introduction, a very splendid B. balansae form, with huge conical heads of gold fruit \$5 This species may grow 6 ft. tall. Small seedlings available in a few months at 50¢. Plant Bromelias only where safe for children and pets, or in pots or urns off ground

PITCAIRNIA CARICIFOLIA (sedge-leaved) a grassy-foliaged spine-less terrestrial plant, red fl. spike \$3.00

PITCAIRNIA XANTHOCALYX-similar, pleasing fountain of green foliage, spikes of yellow flowers in summer \$2

PITCAIRNIA ANGUSTIFOLIA, West Indian species, spiny type with glossy green foliage, from West Indies, \$3.00

Most Bromels are hardy plants in house culture, withstanding drought, dry air, poor light, for months, and many have beautiful flowering phases which last similarly for long periods. Others are valued for fol. effects.

AROID (CALLA) FAMILY -- ARACEAE

SAUROMATUM GUTTATUM-the voo-doo lily, spotted snaky calla-like blooms with a bad smell, medium size tubers and some smaller, oddly-segmented foliage, 50¢ & \$1.

AMORPHOPHALLUS is a genus of spectacular flowering tubers, the carrion-scented blooms being followed by amazing finely cut leaves, usually one to a bulb, on long sturdy petioles. They are valued for tropical foliage effects even when they do not bloom. Exotic, rare.

AMORPHOPHALLUS RIVIERI-"Emperor of the East", Snake Palm, etc., makes large chocolate "callas" followed by beautiful finely-cut pinnate leaves \$2. and \$5.

AMORPHOPHALLUS BULBIFER-similar exotic foliage, blooms are small, on short stems, pink inside, \$1.00 & \$2.

AMORPHOPHALLUS CAMPANULATUS-South Asian and Pacific Islands species, an ethnic plant, used for food, only small tubers available, beautifully cut leaves, odd, rasp-like petioles, maroon flower at maturity, \$2.00

XANTHOSOMA VIOLACEA-fine ornamental aroid, for pots or sub-tropical garden, small tubers \$1.00

XANTHOSOMA JACQUINII-giant West Indian species \$5.

ALOCASIA CUCULLATA-heart-shaped leaves, upright \$2.

ALOCASIA MACRORRHIZA-bold upright beauty, large \$1.

ALOCASIA MACRORRHIZA VARIEGATA-white-edged lvs. \$3.

ALOCASIA INDICA var. METALLICA-beautiful pot and garden species with gun-metal blue-gray foliage, \$2. & \$5.

FANCY LEAVED CALADIUMS

Our specialty for many years--

No. 1 size, (1½-2½" tubers) fine mixed, \$3.50 doz.

Standard type caladiums, usually available Jan.-May.

One doz. standard varieties, named if you want them that way, \$5.00. Please add 50¢ per doz. for postage.

"CANDIDUM"-the famous white with green veins type, one of the oldest caladiums, introduced in 1868 and still tops in its class...ideal for pot plant use, decor, 50¢ each, selected tubers \$5.00 doz.

OTHER NAMED VARIETIES-we suggest a selection from these varieties, with a few substitutes mentioned for varieties not available. Subject to crop, 50¢ each.

RED FLARE, HORTULANIA, PINK CLOUD, FANNIE MUNSON, JOHN PEED, MRS. N.W. HALDEMAN, MACAHYBA, ITAPOCU, EDITH MEAD, SCARLET BEAUTY, LORD DERBY, DR. GROVER, ACE OF HEARTS, SCARLET PIMPERNELLE, MRS. ARNO NEHRLING, POECILE ANGLAIS, and a few others, Cultural suggestions on request.

THE REAL RARE JEWEL OF ALL CALADIUMS- is the miniature silver and white species, Caladium Humboldtii, of which we have a good stock, possibly the largest in America. This plant is known in the trade the world over as "ARGYRITES", and is a joy to all who grow and see it. The culture is like any caladium, with more care as to warmth and drainage in starting the tubers. We offer 3 sizes, small, medium and large, about 1/2, 1 and 1½-1½", special prices this season, 75¢, \$1.50 and \$2.50. These can be grown in fours, fives and sixes, with good care.

ARROW AND LANCE CALADIUMS

An outstanding recent novelty in the foliage plant field. We have been boosting these miniature and half-dwarf pot plant specialties for more than 20 years. They are still little known and they meet with surprise and enthusiasm wherever shown. They seldom grow more than a foot tall, and most varieties can be handled comfortably in fives and sixes. They have either arrow, a wider leaf, or lance, a longer, narrow leaf style.

To grow them is to love them, and we cannot recommend them too highly to our customers to try. Use rich, well drained compost, feed well and give plenty of light up to 50 per cent sun, or even more. Bulbs are smaller.

COLLECTION, six arrow and lance caladium vars., our choice in assortment, \$3.00.

Named Varieties:

E.O. ORPET, the aristocrat of red lance leaved sorts \$2.

RED FRILL, pleasing ruffled arrow type \$1.00

RED ARROW, the standard bright red arrow var. 1.00

ELSE HEDWIG NEHRLING, moss green, red dotted .50

PAULA LIETZE, long, narrow slate-blue-green lvs. .50

DUCHESS OF ALBA, white lance type 1.00

OUR LADY OF FATIMA, white arrow type, green edge \$3.

WHITE WINGS, white arrow type, larger 1.00

JUNO, marbled green and dark red. proliferations \$1.

HORATIO SYD, green and white marbled .50

CALOOSAHACHIE, older, wide arrow type, creamy 1.00

RICKIE, compact brilliant red new 3.00

RIPPLE-pretty marbled light green and cream 1.00

DUTCH FRILL, dark red frilled type (arrow) 2.00

TAMPA ROSE, cream and pink, erect leaves, rare 5.00

MIGNON, our seedling, smallest arrow red, rare 5.00

BILLIE BURKE-a fine half-dwarf pink, very good 1.00

AMARYLLIS FAMILY

AMARYLLIDACEAE

AMARYLLIS STRIATA FULGIDA, smaller pot species, \$2 & \$3

AMARYLLIS EVANSIAE, chartreuse tones, rare \$5.00

RHODOPHIALA (AMARYLLIS) BIFIDA-The Ox Blood Lily of

Southern gardens, hardy in open ground in mild climates, miniature Amaryllis flowers on foot-tall stems, blooms in late summer without leaves, 50¢ ea. or \$3.50 doz., field run. Easy to grow in high land. Dormant in summer.

R. spathacea, a lavender-pink form of above, \$1.50

HAEMANTHUS MULTIFLORUS-the African Blood Lily, one of the world's most splendid and showy pot and garden bulbs for the lower South; large umbels of red blooms, also known as Fireball or Football lily \$3 & \$5.

HAEMANTHUS KATHERINE-South African Blood Lily, more evergreen type, slower growing and somewhat more difficult culture, spectacular at optimum culture \$5.00

HABRANTHUS ROBUSTUS-orchid pink rain lily, \$1.50 dz.

HABRANTHUS FLORYII(Hybrid) (2n-18)intermediate form,-
from H.robustus and H.brachyandrus,very rare, \$3.50

HABRANTHUS HYBRID,"Sparkman's Beauty", another cross
originated in Florida 20 years ago,light lavender\$3.50

These hybrids have a full complement of 18 chromo-
somes,while H.robustus has 12 and H.brachyandrus 24.They
are better in the garden as they do not seed everywhere.

HABRANTHUS BRACHYANDRUS,wine-purple tinted,35¢ each

HABRANTHUS ANDERSONII var.TEXANUS,Texas copper prairie
lily,diminutive;small seedlings, \$1.00 doz.

ZEPHYRANTHES GRANDIFLORA(Z.carinata), lg.rose\$1.50 dz.

Z.ROSEA-dainty,small pink,from Cuba \$1.00 doz.

Z.CANDIDA-old time fall blooming white, 1.00 doz.

Z.INSULARUM,new summer flowering white, from Carib-
bean area,used by thousands for sub-tropic borders,\$1.50dz

Z.MACROSYPHON,intermediate size rose, .35 each

Z.CITRINA,the best and standard golden yellow,25¢ ea.

ZEPHYRANTHES HYBRID,"RUTH PAGE"(Howard), rose 35¢

COOPERANTHES LANCASTERI,white,from India \$1.00

COOPERANTHES LANCASTERI,white-and-pink tinted 1.00

COOPERIA SMALLII,new yellow species,So.Texas .50

COOPERIA DRUMMONDII,small white species,Texas .25

COOPERIA PEDUNCULATA,lg. Texas white prairie lily,
easy,vigorous,makes large bulbs,small seedlings\$1.50dz

ZEPHYRANTHES HOWARD'S YELLOW (from Mexico) .50

ZEPHYRANTHES ATAMASCO,a superb Florida form4" 1.00

ZEPHYRANTHES "PANAMA PINK", new species,dainty 1.00

ZEPHYRANTHES "Mrs.Clint's M-375"pinkish white 1.00

The culture of Zephyranthes and related miniature
Amaryllids and their hybridizing have become especially
popular in recent years with the introduction of many
new species and hybrids,many of these in too small quan-
tities as yet for common distribution.Rain lilies enjoy
pot culture,several can be grown in a five or six inch
pot or "pan" with success.They like half shade or full
sun and exposure to the rains of the open air to do the
best they can.Hence the name rain lily.They can be
brought inside with every flush of bloom,then placed
outside again after it is finished.You can grow a whole
collection in pots on a table or stand,outside in sum-
mer.They should be kept growing in winter for most
species as this matures large bulbs with abundant blooms
later.A fertile sandy loam with good drainage suits them.

HYMENOCALLIS-ISMENE SULPHUR QUEEN,for pots \$2.00

HYMENOCALLIS HARRISIANA,miniature type 1.00

HYMENOCALLIS TENUIFLORA,best,showy flowers and
handsome foliage,large umbels,for garden and pots\$1.00

HYMENOCALLIS CARIBAEA,common Florida form,slow 50¢

HYMENOCALLIS SENEGAMBICA,narrow fol,fine flow. 2.00

HYMENOCALLIS KIMBALLII,West Florida species 3.00

HYMENOCALLIS TRIDENTATA,Central Florida species3.00

HYMENOCALLIS"Tropical Spider Lily",magnificent var-
iety,probably a hybrid,largest flowers,rare 5.00

HYMENOCALLIS species from Southern Louisiana \$1.00

HYMENOCALLIS MEXICANA(?)dwarf species(Mexico) 1.00

HYMENOCALLIS(ISMENE)NARCISSIFLORA(calathina) 25¢

LYCORIS AUREA,the genuine old Southern form,known as

(where available) the Golden Hurricane Lily in Florida,fall blooming,during the hurricane season(we had 50 bulbs in bloom just after Hurricane Donna passed over Winter Park in 1960)

Thrives all over the lower South,stands some frost,\$1.50

LYCORIS TRAUBII,a Japanese yellow species,sold in the trade as imported bulbs,labeled "L.aurea",very fine but not as thrifty in growth in Florida \$1.00

LYCORIS RADIATA-old time Southern red spider lily,\$1.50 doz.mixed sizes.Also available,Jap.form,same price

CRINUM LILIES (AMARYLLIDACEAE)

The Crinums are mostly larger sized bulbs with gay white,pink,wine or striped flowers,vastly suited to the South in general,where some species are handy with protection to Washington and Ohio,while others are more tender and restricted to the lower South.They are the bulb par excellence for the garden,in well-drained loamy,fertile soil,requiring only an occasional weeding and feeding,and watering only in the most arid seasons.

Large landscape types: four leading hybrids:

CRINUM "CECIL HOUDYSHEL",best pink,free blooming,possibly the best Crinum of them all for the garden\$2.50

"LOUIS BOSANQUET"-early pinkish-red and white \$2.50

"ELLEN BOSANQUET"-world-famous,wine-colored 2.50

POWELLI ALBUM-splendid pure white,in spring 2.50

The above will stand full sun or part shade in rich moist soil; handsome fountains of foliage.

Large species for Landscape use:

CRINUM ASIATICUM-"giant white spider lily" lg. 5.00; small seedlings for growing on, 50¢ each, \$5. doz.

CRINUM AMABILE, known as giant milk and wine lily, heavy perfume,huge umbels wine-tinted flowers,small to medium sizes \$1.00 and \$2.00.

Crinums for part shade (50 per cent)

VIRGINIA LEE(hybrid) showy white flowers 5.00

CRINUM GIGANTEUM,African"tulip lily",choice,free blooming, even in winter during warm spells,tender 3.00

AMARCRINUM HOWARDII-famous hybrid,scented pink umbels in late summer,this you should have 2.00

AMARCRINUM DELKIN'S FIND-similar,smaller type 2.00

ALL CRINUMS SOLD IN HALF SIZE BULBS AT HALF PRICE (where available)
The Amarcrinums are bulbs of class and distinction.

GENERAL GARDEN TYPES:

CHRISTOPHER LILY(C.Giganteum hybrid),easy 2.00

CRINUM ERUBESCENTS,purple-striped on white 2.00

CRINUM KUNTHIANUM-milk and wine type,lighter 2.00

CRINUM AMERICANUM-white star-like flowers 1.00

CRINUM BULBISPERMUM-(C.capense,C.longifolium) the hardiest species of all,and a parent of many hybrids, early blooming,blue-greenfoliage,striped flowers 2.00

CRINUM HYBRID J.C.HARVEY,summer pink 2.00

MISCELLANEOUS

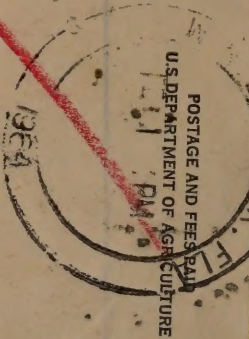
DICHORISANDRA THYRSIFLORA--an easy tuberous rooted plant from Tropical America,with large blue head of flowers with white centers,having jointed stems and handsome leaves(COMMELINACEAE,Tradescantia fam.)4' \$2.00
TACCA CHANTRIERII,the bat plant,almost macabre,\$3.50
TACCA HAWAIIENSIS,native Hawaiian tuberous plant, with highly ornamental foliage like an Amorphophallus, an ethnic food plant of the South Seas area, sm.tubers for growing on,very scarce even in the islands, \$3.00
PHAIUS GRANDIFOLIUS,Nun's Orchid,terrestrial,\$2.50
EPIDENDRUM HYBRIDS,Hawaiian butterfly orchids, \$1.ca.
ALSTROEMERIA PULCHELLA-Parrot Lily,easy,3 for \$1.
DORYANTHES EXALTATA,Australian agave-like plant,\$5.
LIRIOPE MUSCARI VARIEGATA,decorative border plant50¢
CAREX MORROWII VARIEGATA,pretty grassy pot item,\$1.00
FURCRAEA LINDENII(variegated) agave-like beauty,\$2.00
AGAVE CARIBAEA VARIEGATA,choice dwarf species, \$2.00
SOLANDRA GUTTATA(Golden Chalice Vine) tender 3.00
N... .. "Silver Chimes", 2.50 doz.
... .. "RQUE", 1.50 doz.
... .. South, 1.50 doz.
... .. ver South 1.00doz.
... .. larger, \$2.50 doz
... .. 50 & \$5.00 doz.

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